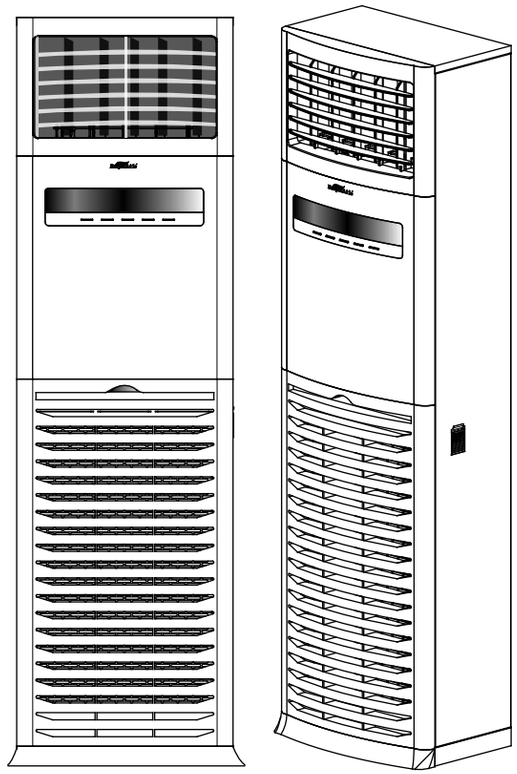
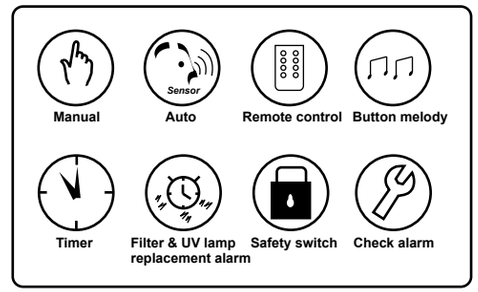
RespirAide®

6 Phase

Electronic Air Purifier

Operation Manual
Model No. RespirAide301F





ENGLISH

- Before operating the system, please read this manual thoroughly, and retain it for future reference.
- This product can be used only where the power supply is 120V/60Hz. You can not use the unit if the power voltage is different.

⚠ WARNING

To reduce the risk of electric shock, this equipment has a grounding type plug that has a third (grounding) pin. This plug will only fit into a grounding type power outlet. If the plug does not fit into the outlet, contact a qualified person to install the proper outlet. Do not alter the plug in any way.

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C US

ISO9001

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RespirAide® reserves the right to revise or modify products and/or specifications without notice.The contents of this manual are subject to change without notice.

301-0710-1-500 Rev.1

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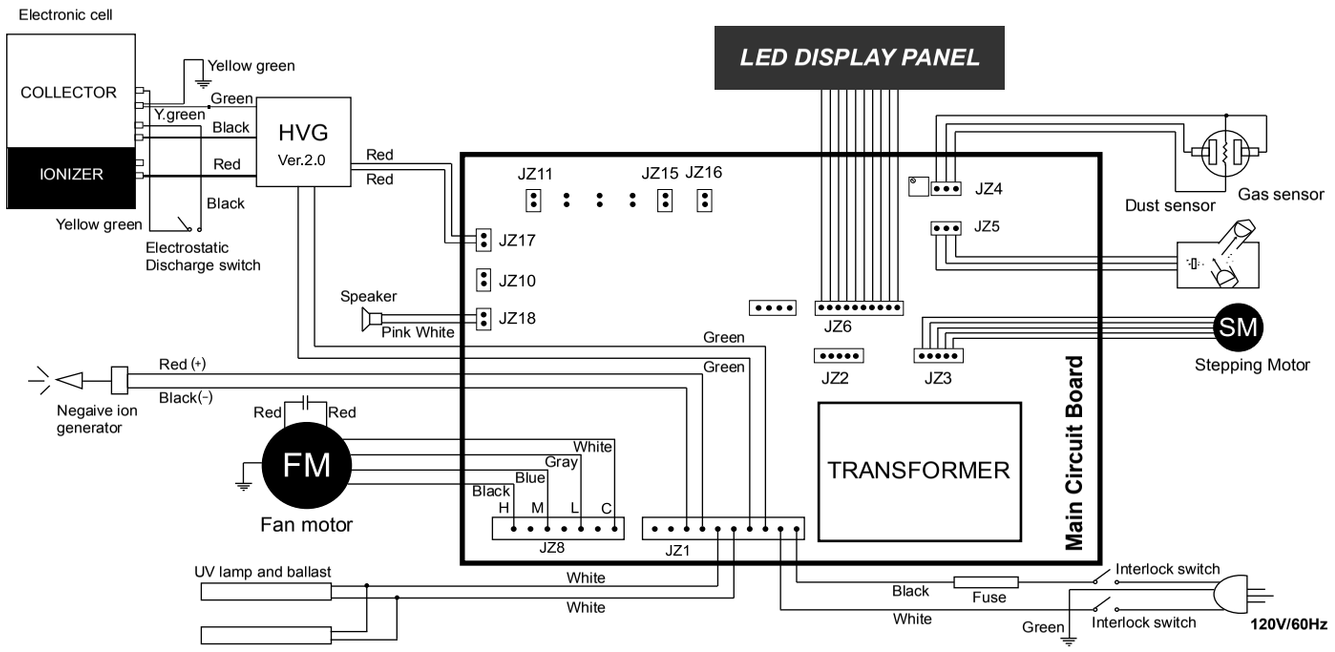
Wiring diagram



TROUBLESHOOTING

Before calling for repair, please review the list below, since the problem may not be a unit malfunction.

Case	What to Check	Measure
The system does not operate at all	Power failure?	Check other electrical appliances.
	Power plug disconnected?	Make sure to insert the plug.
	The FUSE out of order?	Replace the FUSE with new one.
	Front panel open or Interlock switch failure?	The unit does not operate when the front panel is detached. Install properly. Check Interlock switch.
	Is the CHECK light flashing?	If so, call the Customer Service.
When functions do not work	There is too much dust on the Pre-filter, electronic cell, carbon filter?	Clean the filter or replace it.
	There is too much dust on the electronic cell?	Wash it and dry completely before installing it.
	The air inlet or outlet blocked?	Get rid of foreign materials around the product.
Automatic function does not work properly	There is too much dust on the sensor?	Remove dust on the sensor.
	There is no dust on the sensor.	Call the Customer Service.
When other problems in terms of functions are found	Check the problems first and then unplug the power cord. Call the Customer Service to ask for after-sale service or make inquiries.	

BEFORE OPERATING, READ ALL INSTRUCTIONS IN THIS MANUAL CAREFULLY.

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FOR CUSTOMER ASSISTANCE

If you have questions about your air purifier, call the customer service number. Before calling, please note the model and serial number located on the back of the unit and fill in the following information below. This information will help us answer your questions much more quickly.

Model number

_____

Serial number

_____

Date of purchase

_____

Dealer name

_____

Address

_____

City

_____

Province

_____

Postal code

_____

Telephone

_____

Phone:1-866-874-2532
Write:For service problems, warranty information, missing items and other assitance:

RepirAide Tech Inc.
13-100 Hanlan Road Woodbridge, Ontario Canada
L4L 4V8

Please provide the following information when you write or call:model number, serial number, date of purchase, your complete mailing address(including Postal Code), your daytime telephone number(including area code) and description of the problem.

CARE AND MAINTENANCE

Replacing the Activated Carbon Filter

When the "Filter Life" indicator light flashes in yellow, you have 50 hours of operation remaining.

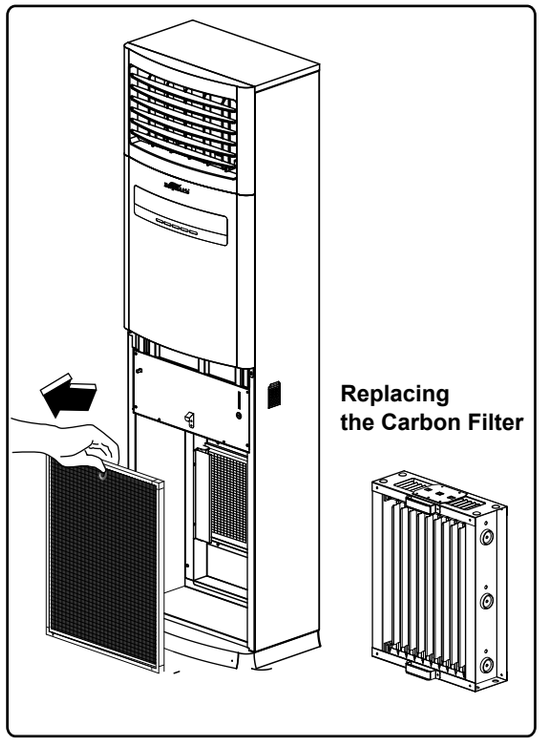
1) Stop the operation and unplug the cord from the electrical outlet**.**
2) Open the front panel.
3) After removing the cell, pull out the Activated Carbon Filter.

Photo catalyst & UV Germicidal Lamp

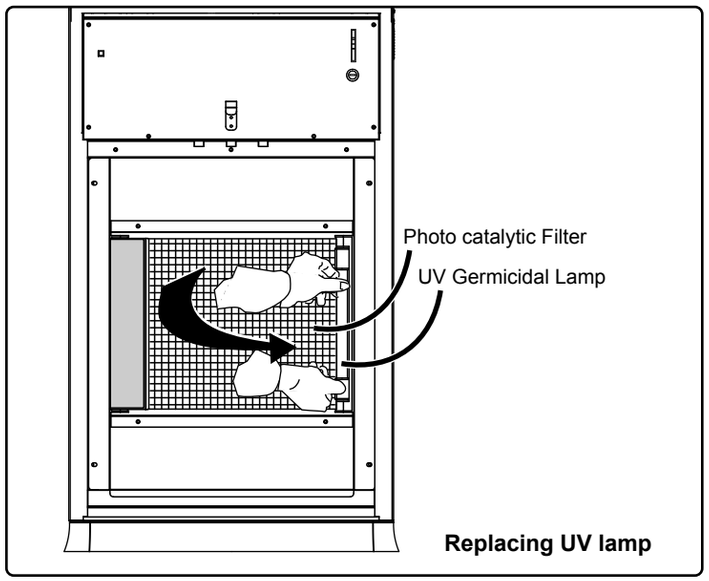
1.Photo catalytic filter is permanent, never needs replacing.
When there is dust on it, clean the dust off using a vacuum cleaner dusting brush. Do not wash it in water.

2.When the "UV Lamps" indicator light flashes, it is time to replace the Ultraviolet germicidal lamp. Gently rotate the lamp a quarter turn in either direction until it unlocks from the socket. Pull the pins out the sides of the socket, one end at a time.

NOTE:
1)Do not wash the photo catalyst filter in water.
2)Do not look at the UV lamp when it is lit, it can cause personal injury.



Replacing the Carbon Filter



Replacing UV lamp

⚠ WARNING

Germicidal Light Radiation Hazard

- Never look directly at UV lamp or place face directly on outlet grill. Direct exposure to germicidal light can cause temporary or chronic damage to your eyesight, or even blindness.
- Always unplug the unit before cleaning, servicing or replacing the UV lamp.

CAUTION

After replacement of Activated Carbon filter or UV lamp, be sure to press Filter Reset Button(RESET1 Button) or UV Lamp Reset Button(RESET2 Button) on the remote control for 12 times. Once the Reset Buttons have been activated, you will hear a beep sound that means that the unit has been reset and the Filter Life or UV Lamp indicator lights will stop flashing.

Cleaning the Electronic Cell

Remove the electronic cell

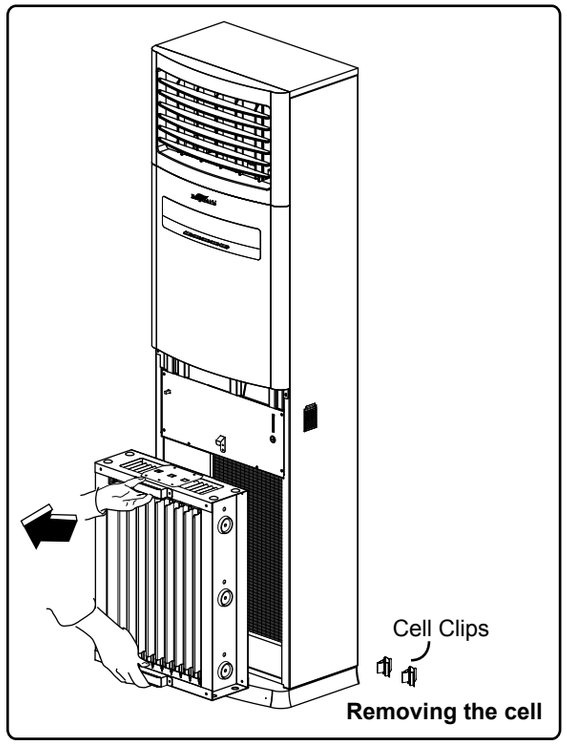
a) Stop the operation and unplug the power plug from the electrical outlet.
b) Open the front panel.
c) After removing 2 cell clips, pull out the cell graping the handels on the cell.

How to clean the electronic cell

a) Use a large enough container, such as a laundry tub or trash container.

NOTE: Sharp corners on the cells can scratch the surface of a bathtub.

b) Dissolve about 3/4 cup of automatic dishwasher detergent in enough hot water to cover the cell. If the detergent does not dissolve readily, or form a scum on the water, try another brand, or use softened water.
c) After the detergent has completely dissolved, place the cells in the container and let soak for 15 to 20 minutes. Agitate up and down a few times, and remove.

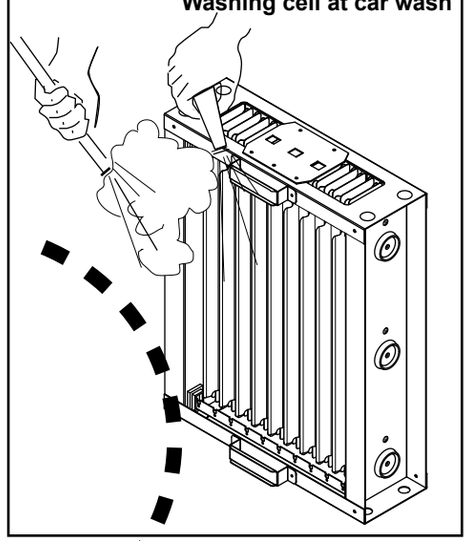


Removing the cell

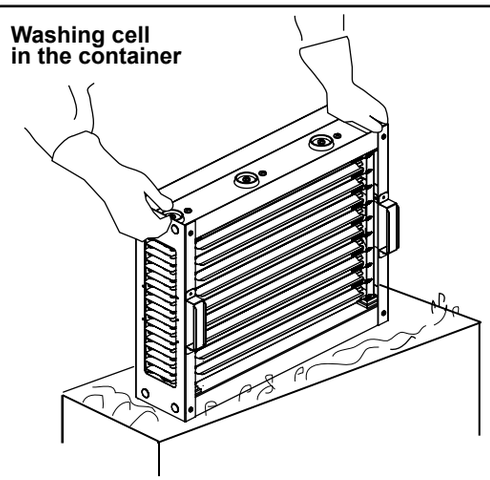
CAUTION

1. Do not splash the detergent solution in eyes. Wear rubber gloves to avoid detergent contact with skin.
2. Keep detergent and solution out of reach of children.
3. When cleaning be careful not to cut your hands on the ionizing wire. (Wearing rubber gloves is safer.)
4. Be careful not to snag or cut the ionizing wire. If the ionizing wire is cut, have the dealer replace it. If the unit is operated with the ionizing wire cut, there will be no dust collection.
5. Slide in the cell so the airflow arrow points toward the machine.
6. After cleaning, make sure to dry the cell thoroughly before reinstalling. ***If the cell or Pre-filter is wet, it can cause breakdown of the unit or personal injury.***

Washing cell at car wash



Washing cell in the container



RespirAide AIR PURIFIER

LIMITED WARRANTY

Congratulations on your investment

RespirAide® Tech Inc. (hereinafter called RTI) gives you the following limited warranty for this product only if it was originally purchased from RTI or from an Authorized RTI Dealer.
RTI warrants that this product is free, under normal use and maintenance, from any defects in material and workmanship. If any such defects should be found in this product within the applicable warranty period.RTI shall, at its option, repair or replace the product as specified herein.
RTI will repair or replace, free of charge, to the original purchaser, any part that is found to be defective in material or workmanship within one (1) year of the date of purchase. This limited warranty does not cover the replacement of expendable or consumable parts such as filters, and other parts subject to normal wear unless they are defective in material or workmanship.

This warranty shall not apply to:

(A) Any defects caused or repairs required as a result of abusive operation, negligence,accident, improper installation or inappropriate use as outlined in the operation manual.
(B) Any product tampered with modified, adjusted or repaired by any party other than RTI, RTI Authorized Service Centers or RTI Authorized Service Dealers.
(C) Damaged caused or repairs required as a result of the use with items not specified or approved by RTI.
(D) Any damage caused by external or enviromental conditions, including but not limited to the use of voltage other than indicated on the product.

RTI's limited warranty is valid only if you retain proof of purchase from RTI or an RTI Authorized Retail Dealer for this product.

To obtain the name and address of the nearest Authorized RespirAide Dealer, please contact:
13-100 Hanlan Road, Woodbridge, Ontario
Canada L4L 4V8

For more information on this Warranty, Dealer or Service Locations, please call1-866-874-2532
Visit our website: www.respiraide.com

RespirAide®
RespirAide Tech Inc.

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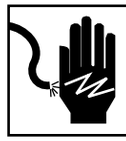
HOW IT WORKS

The air purifier functions as an air cleaner by helping to disinfect airborne microorganisms and removing particulates from the air.
The centrifugal fans of the unit draw air through the front panel (Intake) on the front of the unit. Then it passes through the Microbiologic filter, the Electrostatic precipitator, the Activated Carbon Filter and the UV-Photo catalytic sterilization chamber. The purified air is then realeased through the outlet on the top of the unit.

The air is cleaned in six stages:

1. The Microbiologic Pre-filter traps large dust particles.
2. The two stage electrostatic precipitator (Electronic cell) captures airborne particles, as small as 0.01 microns. In the ionizing section of the electronic cell, billions of microscopic particles become electrically charged as they pass through the powerful electric field. The collector plates immediately attract and collect these charged dust and dirt particles.
3. The Activated Carbon Filter absorbs and reduces odors, chemicals and gases, removes tobacco smoke, the smell of food and other odors.
4. The UV sterilization chamber kills bacteria and viral micro-organisms such as influenza, TB and Legionnaire's Disease as well as other harmful contaminants.
5. When UV light hits the photo catalytic filter, it creates e- and h+, which have an excellent effect in the decomposition of odors.
6. The unit also generates negative ions that freshens the room air.

CARE AND MAINTENANCE



⚠ WARNING

To reduce risk of electric shock always unplug before maintenance.

To maintain optimum performance of this air purifier, please clean the unit including the filters periodically.
When cleaning the unit, be sure to unplug the power cord, and never handle the plug with wet hands. Electrical shock and/or bodily injury may occur as a result.

Main Unit

To prevent dirt or stains on the main unit, clean as often as necessary. If stains are allowed to remain, they may become difficult to remove. Wipe with a dry, soft cloth for stubborn stains or dirt, use a soft cloth dampened with warm water. Do not use volatile fluids, Benzene, paint thinner, polishing powder, this may damage the surface. Do not use detergents, detergent ingredients may damage the unit. Keep the unit away from water.

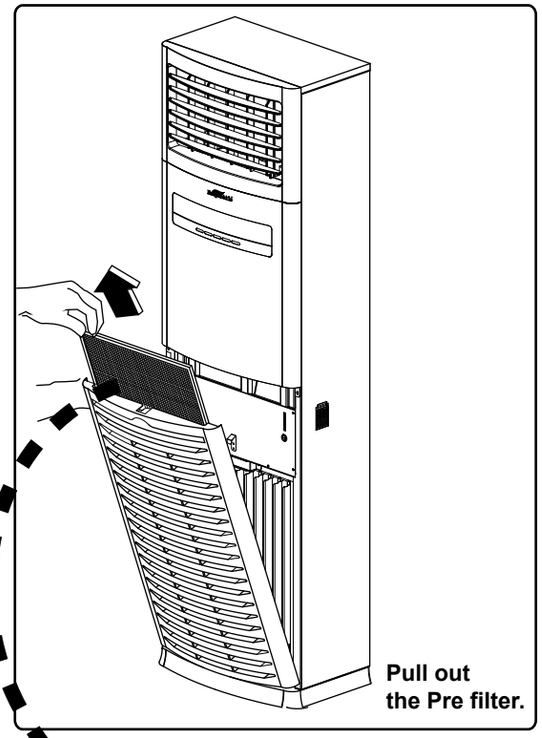
Cleaning the Pre-filter

To assure optimum performance the Pre-filter and electronic precipitator must be cleaned regularly-every one to six months. Washing frequency will vary depending on the number of family members, pets, activities(such as cooking or woodworking) and smoking habits. Use the wash reminder schedule provided with the air purifier.

1.Open Front Panel
Hold the front panel upper portion(left and right side) and pull the front panel toward you.

2.Remove the Pre-filter
Remove by pulling out in front while holding the front panel.

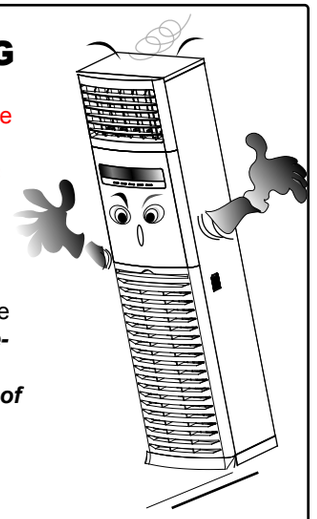
3.Clean the Pre-filter
After using a vacuum cleaner to remove any dust, clean with water.If it is very dirty, use a soft brush or a neutral cleaner to clean then dry well in the shade.

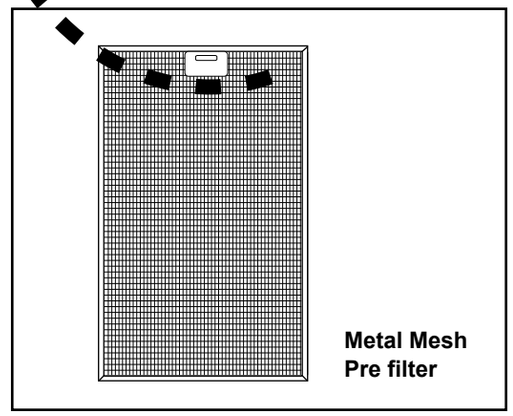


Pull out the Pre filter.

⚠ WARNING

- During maintnance, be careful not to tip over the unit. It may cause personal injury.
- After cleaning, make sure to dry the Pre-filter thoroughly before reinstalling. ***If the pre-filter is wet, it can cause a breakdown of the unit or personal injury.***





Metal Mesh Pre filter

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■ Remote Control Operation

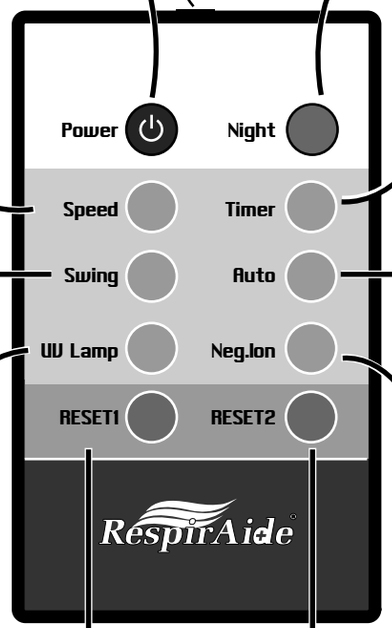
Operation available with the Remote Control:
.Fan Speed
.Operation time Setting
.Auto
.UV Lamp On/Off
.Negative Ion On/Off
.RESET1
.RESET2

Power (ON/OFF) Button
The unit will start operating when the POWER Button is pressed. Pressing the button again will stop operation.

Speed Button
The fan speed can be switched among Low, Medium and High settings.

Swing Button
When pressed,the louver will swing horizontally.

UV Lamp Button
When pressed,UV lamp will go out.



Night Button
When pressed,all the indicator lights on the display panel will go out.

Timer Button
The set time switches every time the button is pressed as shown below.

**The indicator light shows the set time.

1hr-2hr-3h.....10hr-11hr-12hr
Cancel

Auto Button
At AUTO mode, the fan speed is automatically switched (H, M, L) depending on the amount of pollution in the air.

Neg.Ion Button
When pressed, the generation of ions will cease and the Negative ion generator light on the control panel will go out.

RESET1 Button(Filter Reset Button)
After replacement of Activated Carbon Filter, make sure to press the button 12 times for initialization.
Before pressing the Filter Reset Button, be sure that the unit is plugged in.

RESET2 Button(UV Lamp Reset Button)
After UV lamp replacement, ensure to press the button 12 times for initialization.
Before pressing the Filter Reset Button, be sure that the unit is plugged in.

Remote Control Use
1.Operate with the remote control facing the main unit receiver.
2.The signal range is about 19 feet (6 m).
3.Make sure there are no objects blocking the path of the signal.
4.Avoid dropping or damaging the remote control.
5.Do not use it in high humidity conditions or in direct sunlight or near a heat source.

FEATURES

Multi-Stage Filters
The unit utilizes a two stage electrostatic precipitator combined with a Microbiologic Pre-filter (for large particles), an Activated Carbon Filter (for odors and gases), UV germicidal light (killing airborne pathogen), a Photo catalytic filter (removes VOC's) and a Negative ion generator.

Automatic Function
The gas sensor(odor sensor) can let the unit automatically select the appropriate fan speed depending on the air quality detected.

Filter and UV Lamp Replacement Indicator
The "FILTER" and "UV LAMP" replacement indicators tell you when to replace the Activated Carbon Filter and the UV lamp.

Safety Micro-Switch (Interlock Switch)
This air purifier is equipped with a safety interlock switch (Micro-safety switch) that will turn the unit off if the front panel is removed while the unit is running.

Easy Maintenance and Low Cost
When the electrostatic precipitator(Electronic cell) needs to be washed or the filters need to be replaced, simply open the front panel and lift out the electronic cell or old filters and drop the new or clean one in. No screws, hooks or tools are required. The electronic cell captures small particles on aluminum plates that are simply rinsed off in the sink. There are no expensive filters to replace.

SPECIFICATIONS

Model No.	RespirAide 301F
Power Requirement	120V,60Hz,1.1A
Rated Power	130W
Fan Motor	120V,60Hz,0.8A
Fan Speed CFM	H-300,M-135,L-88
Applicable Floor Surface (Ceiling height 8')	1 air exchange per hour: 2257 sq.ft. 2 air exchanges per hour: 1129 sq.ft. 5 air exchanges per hour: 451 sq.ft. 19 air exchanges per hour: 10 x 12 sq.ft. *The applicable floor surface area is appropriate for operating the unit at maximum fan speed.
Noise Level	<55dB
Negative Ion	>1.2x10^{6}pcs/cc
UV Lamp	6Wx2
Cord Length	2.5m (8.3 ft)
Dimensions	153cm(H)x45cm(W)x28cm(D)
Weight	38kg

Standby Power
In order to operate the electrical circuits while the power plug is inserted in the wall outlet, this product consumes about 2W of standby power. For energy conservation, unplug the power cord when the unit is not in use.

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IMPORTANT SAFETY PRECAUTIONS

When using electrical appliances, basic safety precautions should always be followed, including the following:

WARNING -To reduce the risk of electrical shock, fire or injury:

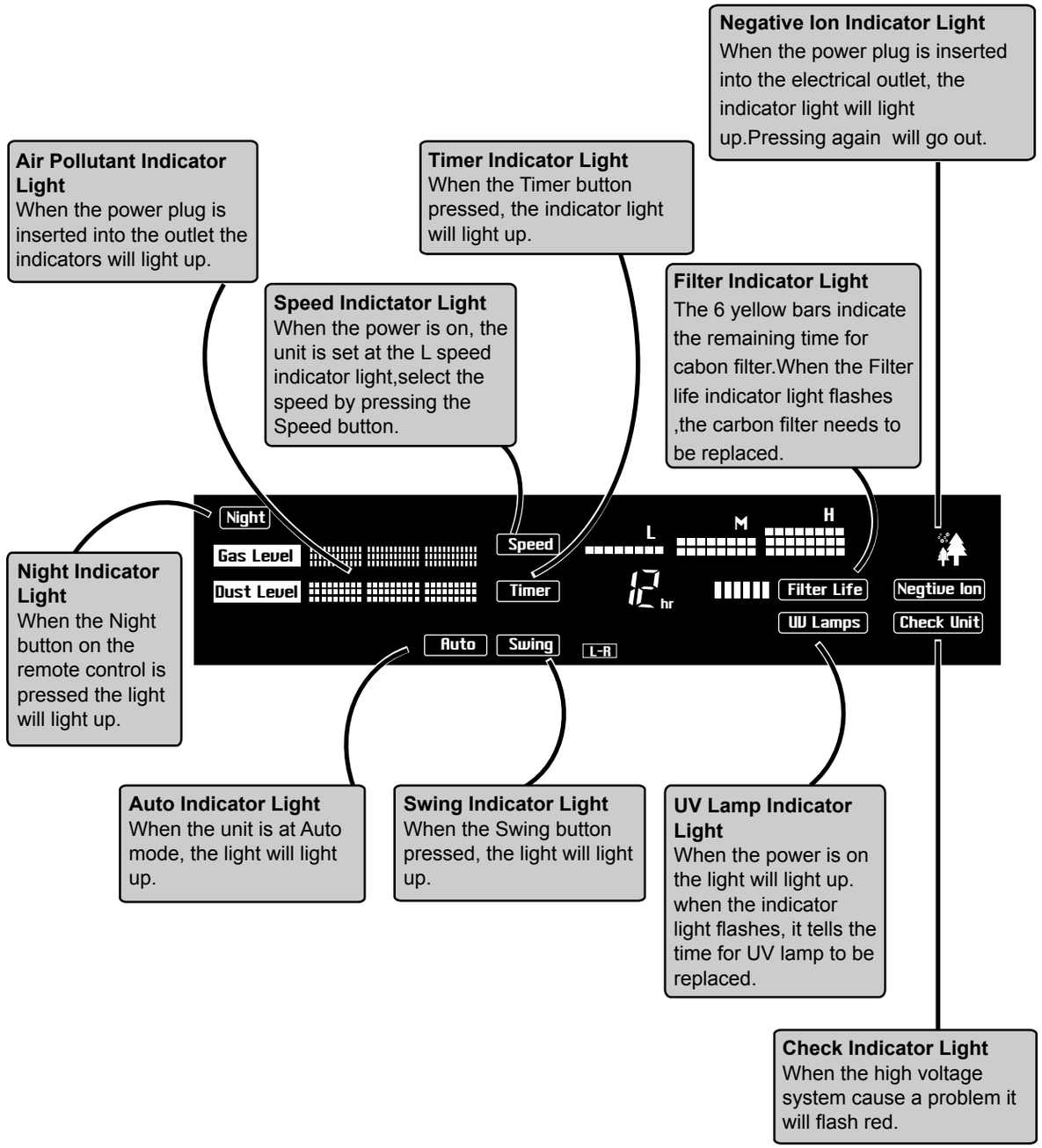
- Use only as described in this manual.
- Use only a 120-volt outlet with a polarized receptacle.
- The air purifier has a polarized plug (one blade is wider than the other), this plug will fit in a polarized outlet only one way. Initially, if the plug does not fit into the outlet, reverse it. If it still does not fit, contact a qualified electrician or service person.
- Do not use the air purifier if the power cord or plug is damaged or the connection to the wall outlet is loose.
- When removing the power plug, always hold the plug and never pull by the cord. Do not handle plug or appliance with wet hands. ***Electrical shock and/or fire from short circuit may occur.***
- Remove the power plug from the wall outlet before cleaning the unit and when not using the unit. Turn off all controls before unplugging.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent, RespirAide authorized service or similarly qualified person.
- Do not insert fingers or foreign objects into the intake or air outlet.
- The batteries must be removed from the remote control before disposal, and the batteries must be disposed of safely.
- Keep hair, loose clothing, fingers and all parts of body always from openings and moving parts.
- ***Do not use appliance in an enclosed space where oxygen, flammable, explosive or toxic vapors are given off by oil base paint, paint thinner, some mothproofing substances, or in an area where flammable dust is present.***

CAUTIONS CONCERNING OPERATION

- Do not block the intake and air outlet.
- Do not use the unit near or on hot objects, such as range or where it may come into contact with steam.
- Do not use the unit on its side.
- ***Always hold the handles on the side of the unit when moving it.***
- Holding the front panel when carrying may cause it to detach, and result in bodily harm.
- ***Be careful not to tip over the unit when maintaining the unit. If not, it may cause bodily harm.***
- Do not operate the unit without filters.
- Do not wash and reuse the Activated Carbon Filter.
- Do not clean outside with paint thinner or any chemicals. ***The unit surface may become damaged or may cause fire.***

OPERATION

■ Indicator Lights


Negative Ion Indicator Light
When the power plug is inserted into the electrical outlet, the indicator light will light up.Pressing again will go out.
Air Pollutant Indicator Light
When the power plug is inserted into the outlet the indicators will light up.
Timer Indicator Light
When the Timer button pressed, the indicator light will light up.
Speed Indictator Light
When the power is on, the unit is set at the L speed indicator light,select the speed by pressing the Speed button.
Filter Indicator Light
The 6 yellow bars indicate the remaining time for cabon filter.When the Filter life indicator light flashes ,the carbon filter needs to be replaced.
Night
Gas Level
Dust Level
Speed
Timer
L
M
H
12 hr
Filter Life
UV Lamps
Negtive Ion
Check Unit
Auto
Swing
L-R
Night Indicator Light
When the Night button on the remote control is pressed the light will light up.
Auto Indicator Light
When the unit is at Auto mode, the light will light up.
Swing Indicator Light
When the Swing button pressed, the light will light up.
UV Lamp Indicator Light
When the power is on the light will light up. when the indicator light flashes, it tells the time for UV lamp to be replaced.
Check Indicator Light
When the high voltage system cause a problem it will flash red.

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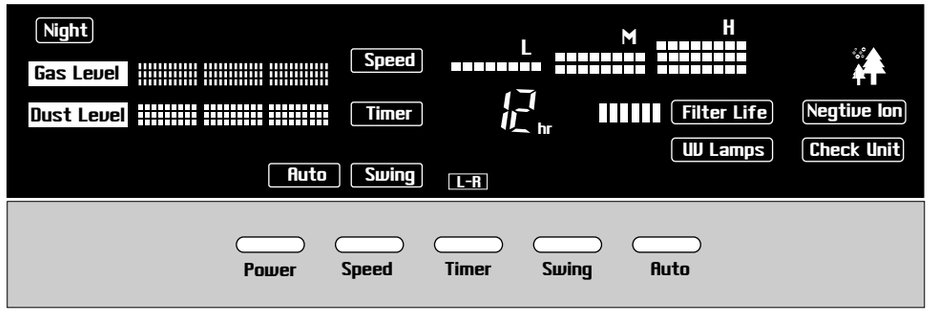
■ Main Unit Operation

Connect the Power
When the power plug is inserted into the wall outlet all the indicators on the display panel will light up for 2 seconds.(As shown in the diagram below)

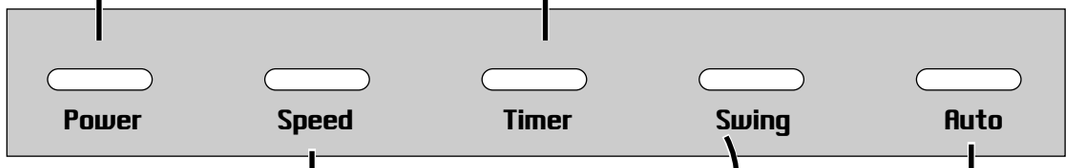


1.Operate the Unit
Press the Power(On/Off) button to start operating the unit.Press the button again will stop operation.
NOTE:When the power is connected, the "Gas Level" and "Dust Level" indicator lights will flash for 3 minutes.

3.Setting the Operation Time
Press the "TIMER" Button to select the time for operation. Each time it is pressed the timer setting switches as shown below:

"1hr"-"2hr"-"3hr"----"11hr"-"12hr"
(Cancel)

NOTE: When the set time is reached, the operation will automatically stop. The set time can be changed if the button is pressed while the unit is operating.



2.Manually Switch the Airflow Rate
Each time the Speed button is pressed the airflow rate changes as shown below:
L(Low)------M(Medium)------
H(High)-----L(Low)... ...

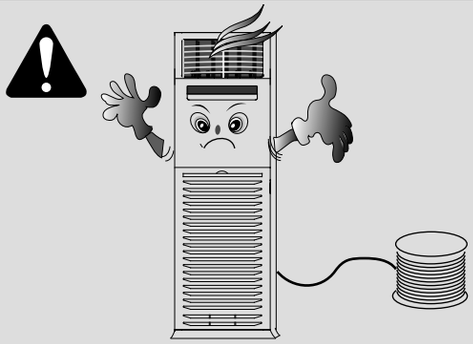
4.Press Swing Button
When the Swing button is pressed, the louver of the unit will swing horizontally.Pressing the button again will stop swing.

5.Press Auto button
The fan speed is automatically switched(HIGH, MEDIUM, LOW) depending on the amount of pollution in the air. The Gas and Dust sensor detects the pollution and automatically sets the fan speed for efficient air purification.

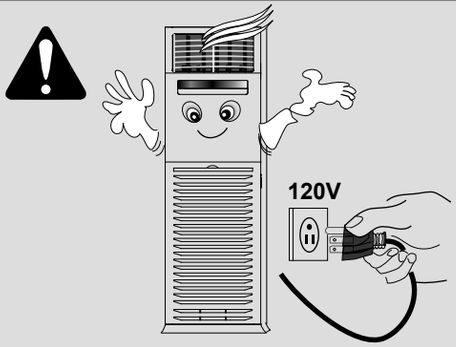
This manual classifies precautions into WARNINGS and CAUTIONS. Be sure to to follow all precautions below: They are important for ensuring your safety.

WARNING
If you do not follow these instructions exactly, the unit may cause property damage, personal injury or loss of life.

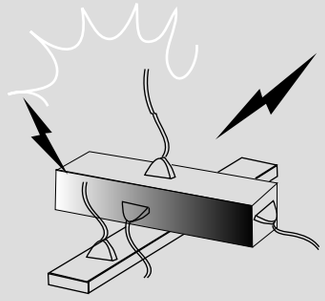
CAUTION
If you do not follow these instructions exactly, the unit may cause minor property damage or personal injury.



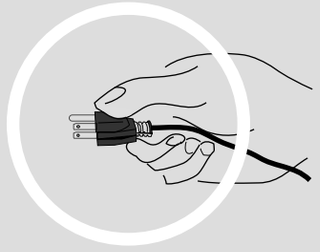
▶Do not do anything that could damage the electrical power cord. Do not set heavy items on the cord or place the cord between items. If the electrical power cord is damaged, fire or electric shock may occur.



▶Do not use the power cord if it is damaged or loose in the socket. Using the power cord in anything but proper working condition can lead to short-circuits and subsequently electric shock and/or fire.

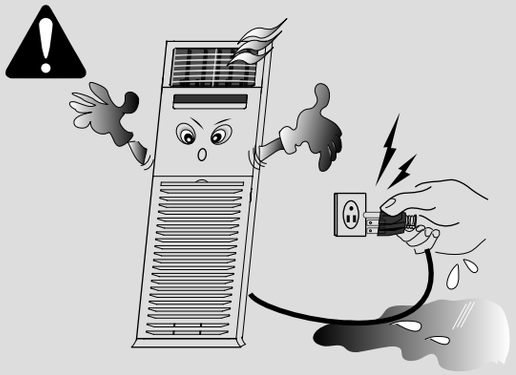


▶Use the plug provided exclusively for the product. Connecting the system in an improper power source may cause electric shock or a breakdown of the system.

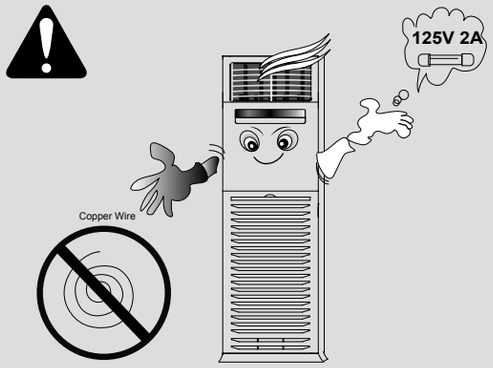


▶If the power plug is unplugged,be sure to hold and pull out the end of the power plug without holding the power cord. Do not pull on the power cord to remove the plug from the wall outlet. There is a chance that an electrical shock or short- circuit may occur causing a fire.

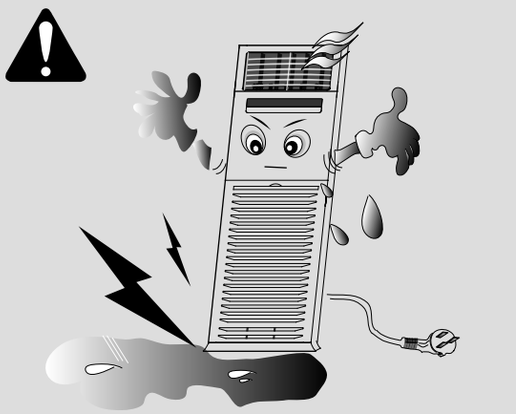
English



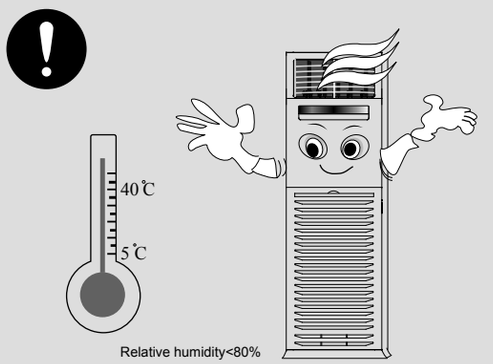
▶ Do not operate the unit or touch the plug with wet hands. It may cause electric shock.



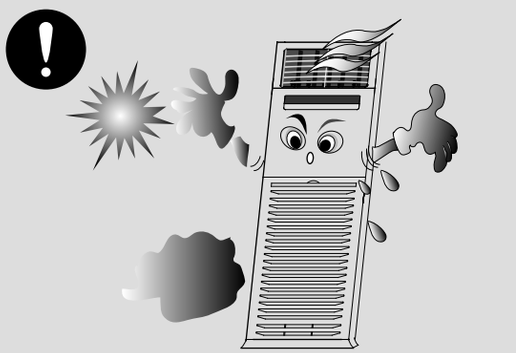
▶ Use a fuse with proper capacity. Never use a wire in place of a fuse. Doing this may lead to malfunction or fire.



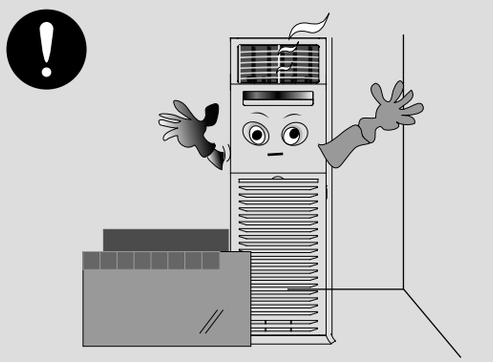
▶ If any parts of the power source get wet remove the plug and dry it completely before reusing.



▶ Use the product in the ambient temperature of 0-40℃.



▶ Do not place the product in direct contact with sunlight. It may cause malfunction and deformation of the product.

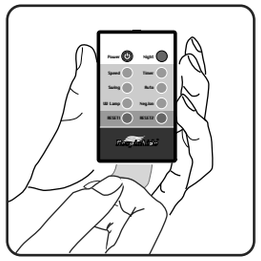


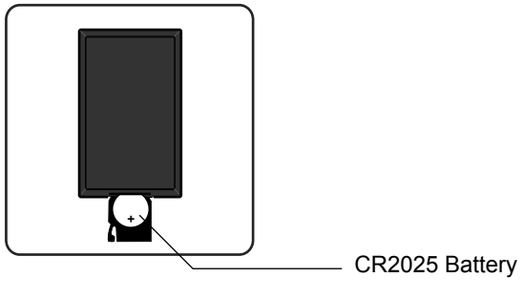
▶ Do not block the intake or outlet. Blocked openings can reduce capacity or damage the unit.

■Remote Control Setup

Preparing the remote control
The battery is already set in the remote control, pull out the clear sheet from the battery cover before using.

How to use the remote control
a) Point the transmitter of the remote control towards the receiver of the main unit. If an obstruction to the signal exists, the remote control will not operate.
b) The distance from which the remote control can transmit is approximately 19 feet(6m).





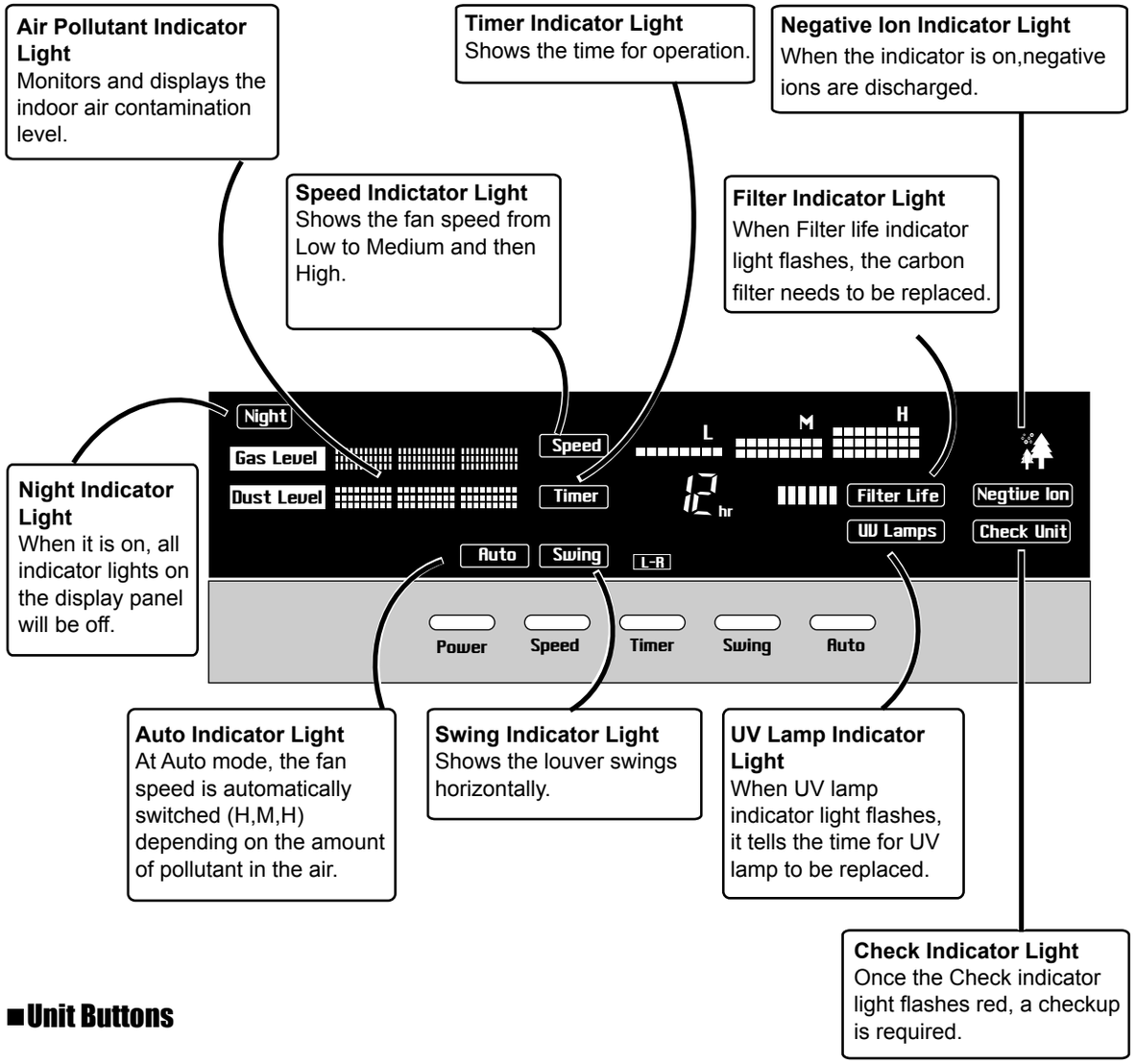
Battery Information

1.Open the cover on the rear of the remote control towards the arrow.
2.Replace the battery with CR2025 battery. Be sure to set the battery with the+ side up.
3.Close the cover to its original position.
4.The battery for this remote control is for initial use only. Change the battery when necessary.
5.When not using the unit or remote control for an extended period, remove the battery.
6.Store the battery where babies and children can not reach them. If the battery is swallowed contact a doctor immediately.
7.When discarding battery, cover the terminals of the battery with tape. If mixed with other metal or batteries, heat, explosion or combustion may occur.
8.Bring the battery to a nearby electronics store, watch store or camera store to recycle them.

Remote Control

1.Do not drop or place the remote control in water. (**Damage may occur.**)
2.Do not press the remote control buttons with sharp objects. (**Damage may occur.**)
3.The remote's signal may not be received properly if fluorescent lamps (such as inverter fluorescent lamps) are in the same room.

■Unit Indicator Lights



Air Pollutant Indicator Light
Monitors and displays the indoor air contamination level.

Timer Indicator Light
Shows the time for operation.

Negative Ion Indicator Light
When the indicator is on,negative ions are discharged.

Speed Indictator Light
Shows the fan speed from Low to Medium and then High.

Filter Indicator Light
When Filter life indicator light flashes, the carbon filter needs to be replaced.

Night Indicator Light
When it is on, all indicator lights on the display panel will be off.

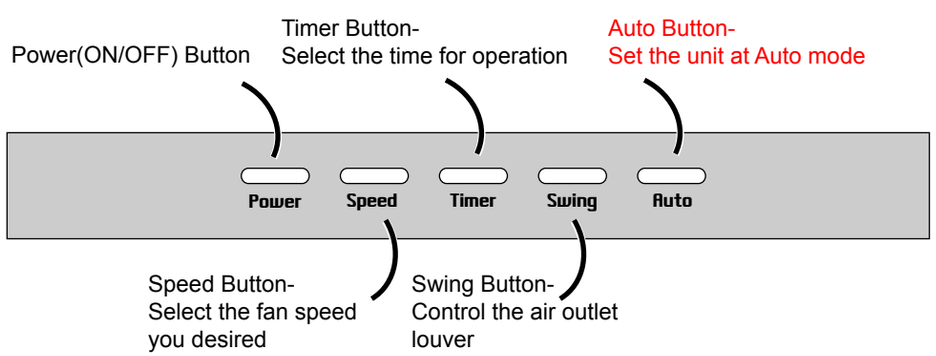
Auto Indicator Light
At Auto mode, the fan speed is automatically switched (H,M,H) depending on the amount of pollutant in the air.

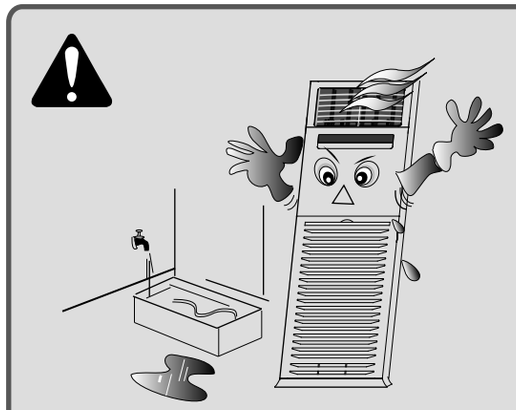
Swing Indicator Light
Shows the louver swings horizontally.

UV Lamp Indicator Light
When UV lamp indicator light flashes, it tells the time for UV lamp to be replaced.

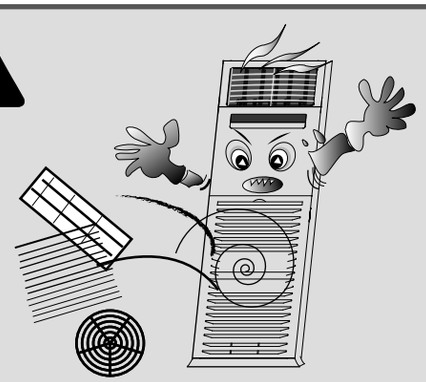
Check Indicator Light
Once the Check indicator light flashes red, a checkup is required.

■Unit Buttons

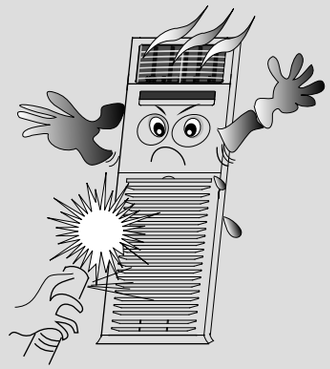




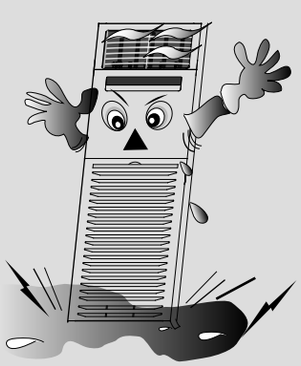
▶ Do not use the unit in humid places which might be wet. Contact with water can lead to electric shock or damage the equipment.



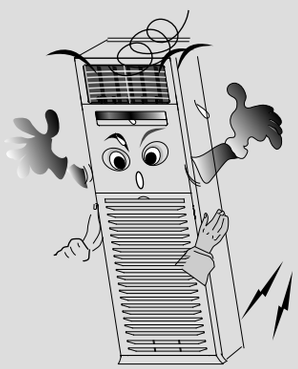
▶ Do not disassemble or modify this equipment. Unwarranted tampering can lead to fire, electric shock and/or unit malfunction.



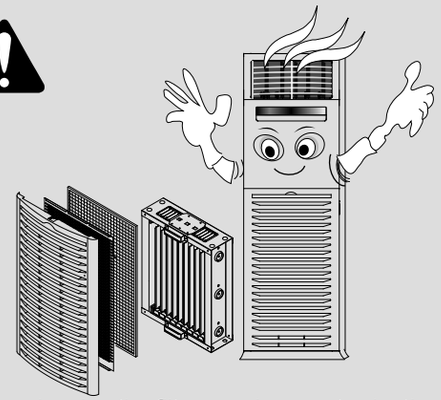
▶ Prevent ***combustibles*** from being drawn into the unit. Combustible substances can cause fire.



▶ Make sure to prevent water from coming into the product. It can lead to malfunction or electric shock.



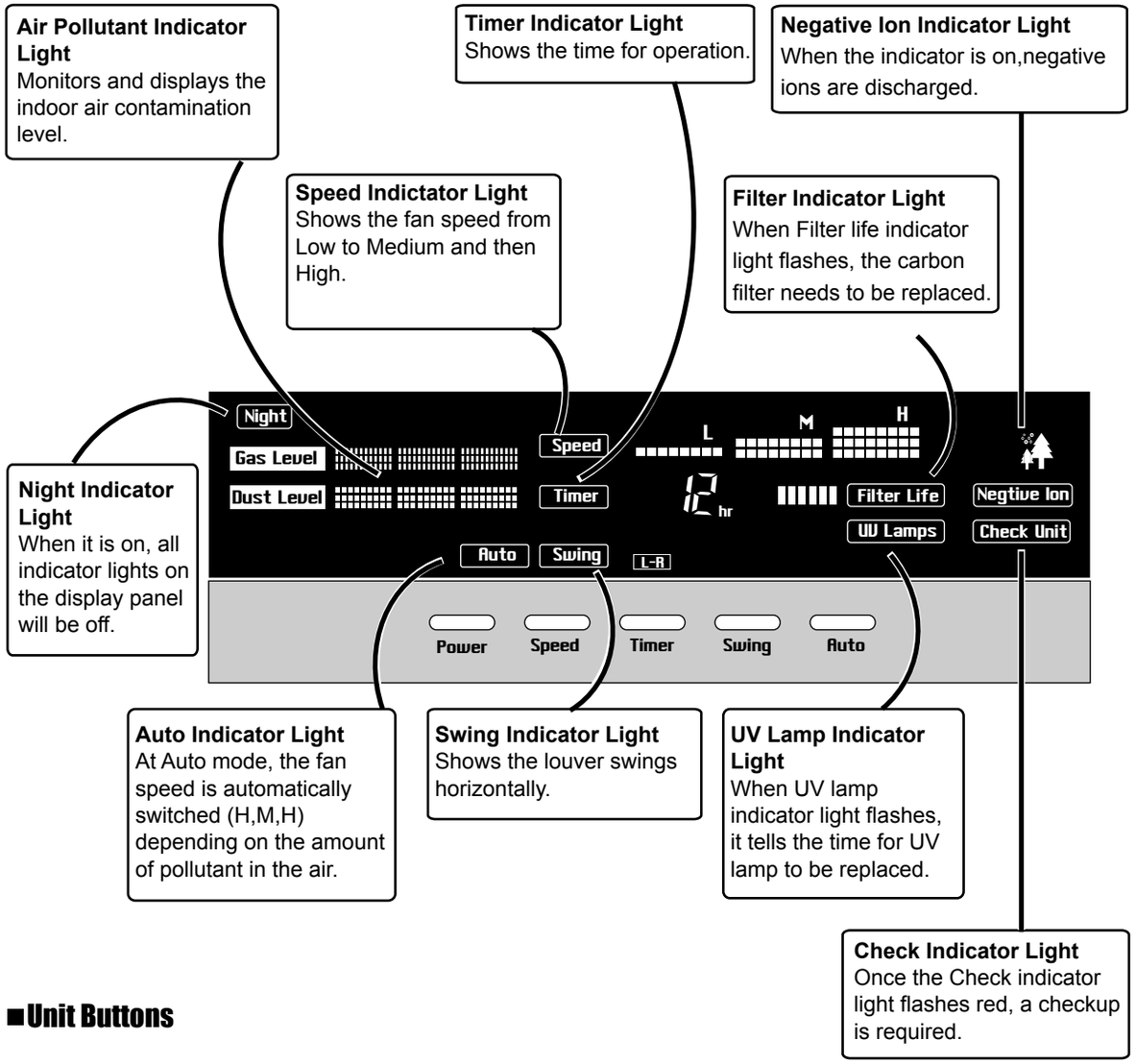
▶ Be careful not to tip over the unit when opening the front panel or moving it. ***If not, It may cause personal injury.***



▶ After cleaning the filters, make sure to *dry the cell thoroughly* before reinstalling. ***If not, it can cause breakdown of the unit or personal injury.***

English

■Unit Indicator Lights



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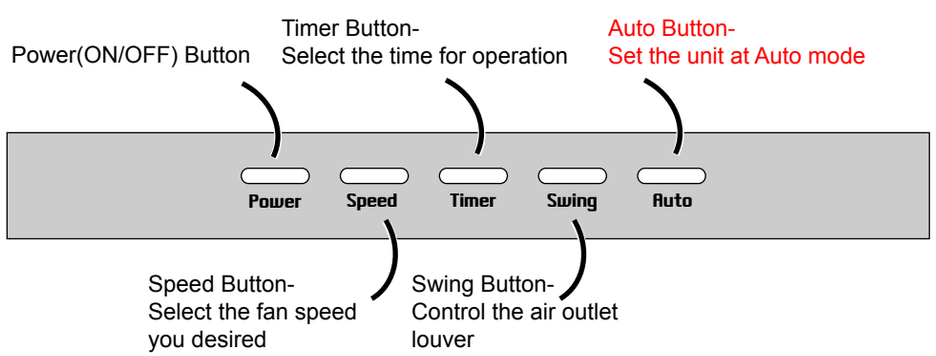
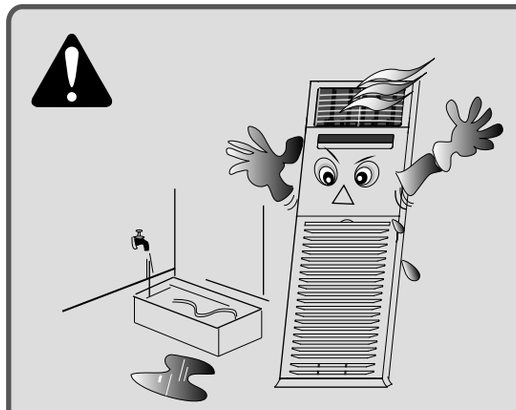
■Unit Buttons





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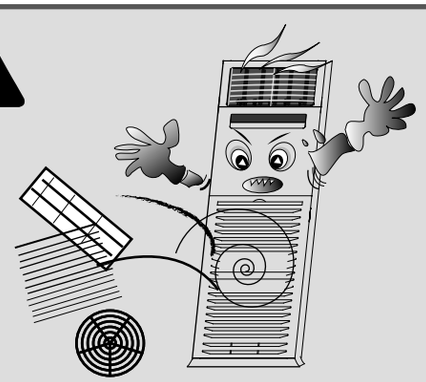

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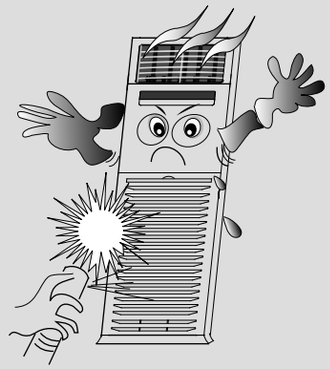

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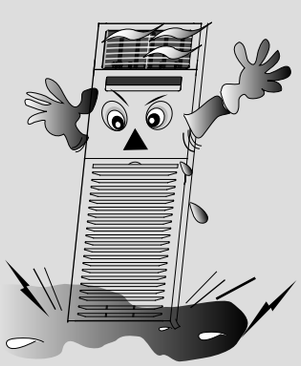

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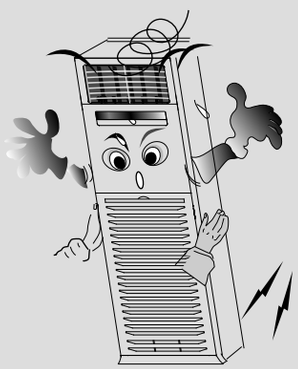

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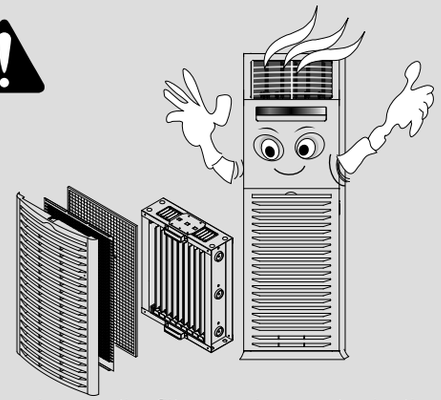
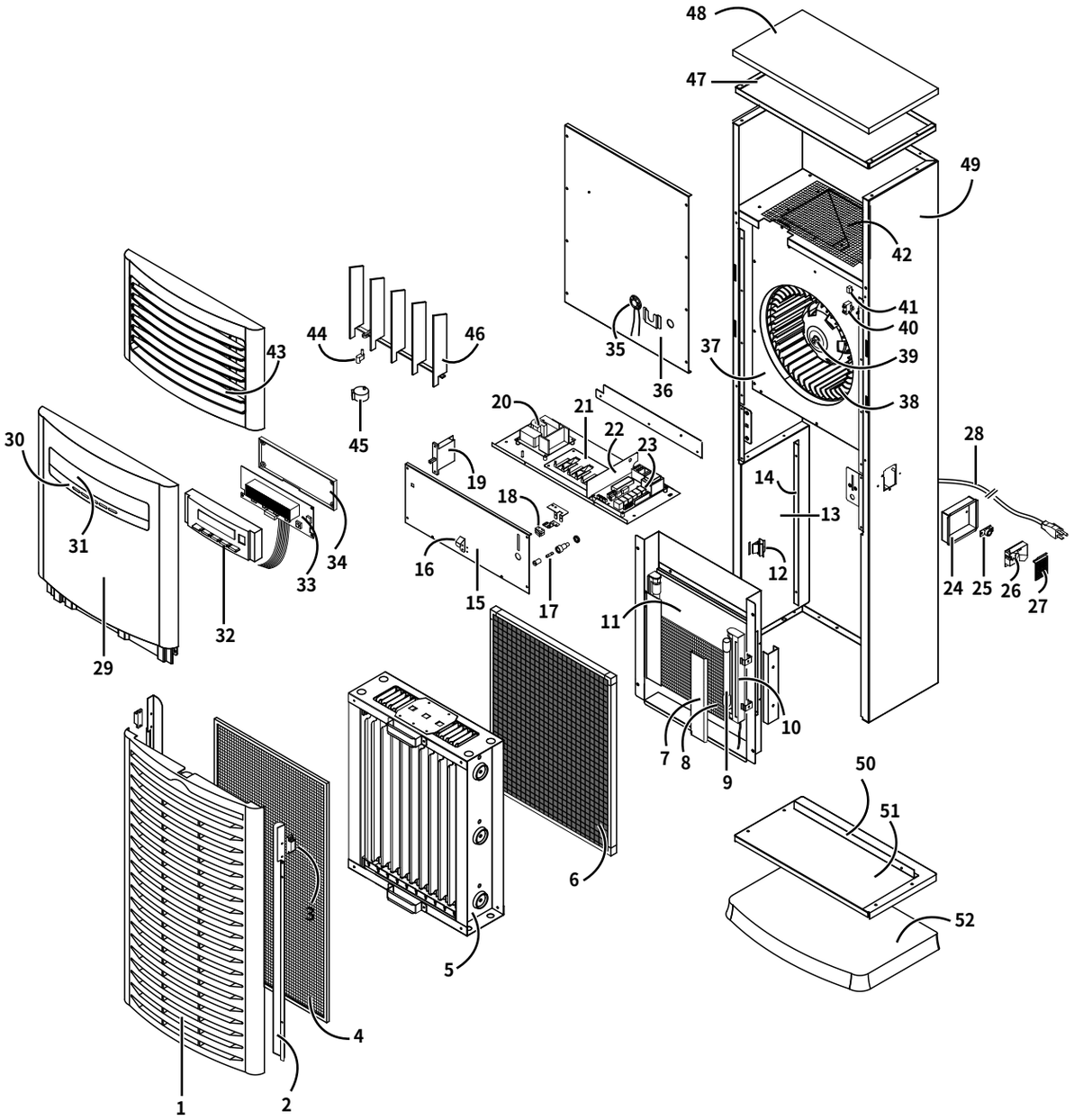


▶ After cleaning the filters, make sure to *dry the cell thoroughly* before reinstalling. ***If not, it can cause breakdown of the unit or personal injury.***

English

■Main Unit



■Part Numbers and Names

1. Front panel(Air Intake Grill)
2. Pre filter Groove
3. Magnetic Catcher
4. Pre filter
5. Electronic Cell
6. Activated Carbon Filter
7. UV light Blocker
8. Photo catalyst
9. Germicidal UV Lamp
10. UV Lamp Holder & Ballast
11. UV Light Reflector
12. Cell Clip
13. Chamber Side Plate
14. Light Reflector Side Holder
15. Repairment Door
16. Pre filter Ground Plate
17. Fuse and Fuse holder
18. Interlock Switch
19. Discharge Switch
20. Power Supply
21. Unit Power Contact
22. Circuit Board Protector
23. Main Circuit Board
24. Sensor Chamber
25. Gas Sensor
26. Dust Sensor
27. Sensor Chamber Cover
28. Power Cord and Plug
29. Plastic Upper Panel
30. Button Holder
31. Display Sticker
32. Button Unit
33. Display Circuit Board and Wire
34. Display Circuit Board Back Cover
35. Unit Speaker and Wires
36. Fan Motor Front Plate
37. Fan Motor Housing
38. Fan Blade
39. Fan Motor
40. Motor Capacity
41. Negative Ion Generator
42. Air Outlet Metal Mesh
43. Plastic Air Outlet
44. Swing Motor Connector
45. Swing Motor
46. Louver Unit
47. Metal Top Plate
48. Plastic Top Cover
49. Unit Housing
50. Light Reflector Lower Holder
51. Metal Bottom Plate
52. Plastic Bottom Basement